

**HDC MHP 70 FC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Flexible**

The four module sizes make for individual plug solutions that save a huge amount of space. The smaller pitch translates into an optimised design too.

**General ordering data**

|            |                            |
|------------|----------------------------|
| Version    | Power module               |
| Order No.  | <a href="#">2668180000</a> |
| Type       | HDC MHP 70 FC              |
| GTIN (EAN) | 4050118765892              |
| Qty.       | 1 pc(s).                   |

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## Technical data

## Dimensions and weights

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 34 mm    | Depth (inches)  | 1.339 inch |
| Height     | 47.95 mm | Height (inches) | 1.888 inch |
| Width      | 14.5 mm  | Width (inches)  | 0.571 inch |
| Net weight | 9.7 g    |                 |            |

## Temperatures

|                   |                   |
|-------------------|-------------------|
| Limit temperature | -40 °C ... 125 °C |
|-------------------|-------------------|

## General data

|                                      |                  |                              |                                       |
|--------------------------------------|------------------|------------------------------|---------------------------------------|
| Insulation strength                  | $10^{12} \Omega$ | Material                     | Polycarbonate, glass fibre reinforced |
| Number of poles                      | 2                | Plugging cycles              | ≥ 500                                 |
| Pollution severity                   | 3                | Rated current (DIN EN 61984) | 70 A                                  |
| Rated impulse voltage (DIN EN 61984) | 8 kV             | Rated voltage (DIN EN 61984) | 1,000 V                               |
| Rated voltage according to UL/CSA    | 600 V            | Required plug-in slots       | 1                                     |
| Series                               | ModuPlug         | Surge voltage category       | III                                   |
| Type                                 | Female           | UL 94 flammability rating    | V-0                                   |

## PE connection data

|                    |                                   |
|--------------------|-----------------------------------|
| Connection type PE | Screw connection via module frame |
|--------------------|-----------------------------------|

## Version

|                                    |                    |                               |                   |
|------------------------------------|--------------------|-------------------------------|-------------------|
| Conductor cross-section, max.      | 25 mm <sup>2</sup> | Conductor cross-section, min. | 6 mm <sup>2</sup> |
| Stripping length, rated connection | 15 mm              | Type of connection            | Crimp connection  |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002312    | ETIM 7.0    | EC002312    |
| ETIM 8.0    | EC002312    | ETIM 9.0    | EC002312    |
| ECLASS 9.0  | 27-44-02-92 | ECLASS 9.1  | 27-44-02-18 |
| ECLASS 10.0 | 27-44-02-92 | ECLASS 11.0 | 27-44-02-92 |
| ECLASS 12.0 | 27-44-02-92 | ECLASS 13.0 | 27-44-02-92 |

## Environmental Product Compliance

|            |  |
|------------|--|
| REACH SVHC | Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP       | 1609748e-c278-4c9b-b3d1-e6215d2988cd           |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E92202     |

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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Catalogues

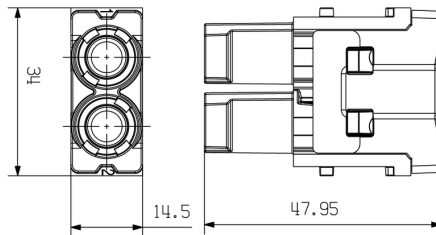
[Catalogues in PDF-format](#)

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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****70 A crimp contacts**

Crimps provide a electrical and mechanical connection between wire and contact that is both secure and reliable. The optimal crimp connection is gas-tight and corrosion-resistant.

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | HDC MHP70 F 6              | Version                                 |
| Order No.  | <a href="#">2668210000</a> | Female, silver, 6 - 6 mm <sup>2</sup>   |
| GTIN (EAN) | 4050118802894              |   |
| Qty.       | 10 pc(s).                  |   |
| Type       | HDC MHP70 F 10             | Version                                 |
| Order No.  | <a href="#">2668200000</a> | Female, silver, 10 - 10 mm <sup>2</sup> |
| GTIN (EAN) | 4050118803006              |   |
| Qty.       | 10 pc(s).                  |   |
| Type       | HDC MHP70 F 16             | Version                                 |
| Order No.  | <a href="#">2668220000</a> | Female, silver, 16 - 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118802917              |   |
| Qty.       | 10 pc(s).                  |   |
| Type       | HDC MHP70 F 25             | Version                                 |
| Order No.  | <a href="#">2668260000</a> | Female, silver, 25 - 25 mm <sup>2</sup> |
| GTIN (EAN) | 4050118802924              |   |
| Qty.       | 10 pc(s).                  |   |